

	Previous			
	Publ.	patent		JP 2504581
	Based on	patent		WO 8901519

Abstract:

WO 8901519 A

Engineered nuclei acid (I) encodes for at least about 20 contiguous amino acids of human mannose binding protein (hMBP). Also new are (1) (expression) vectors and cells contg. (I); (2) peptides encoded by (I) and (3) antibodies against these peptides.

(I) is cDNA and encodes hMBP. It esp. contains at least 90 bases able to hybridise with human nucleic acid encoding MBP. The specification includes the complete sequences of cDNA and genomic DNA encoding hMBP, plus the derived amino acid sequences.

USE/ADVANTAGE - The peptides, opt. fused to a toxin, are used to treat animals infected with bacterial, fungal or viral (including HIV) pathogens. they bind to mannose units on such organisms and cause host defensive cells to be attracted to them. The antibodies are useful for diagnosing susceptibility to infection (by ELISA of peptides present in the serum).

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New DNA encoding human mannose binding protein or fragment - for treating infections, used for deriving diagnostic antibodies

Patent Assignee: CHILDRENS MEDICAL CENT; CHILDRENS HOSPITAL MEDICAL CENT

Inventors: EZEKOWITZ R A B

Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Main IPC	Week	Type
WO 8901519	A	19890223	WO 88US2591	A	19880805	198909	B	

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